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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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EXAMINER

NGUYEN, TU X

ART UNIT

PAPER NUMBER

2618

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PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/583,393	Applicant(s) OLGEN, DERYA	
	Examiner TU X. NGUYEN	Art Unit 2618	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 17 March 2010.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,3,4,7,11-14,17,18,20-25 and 27-30 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☐ Claim(s) _____ is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 19 June 2006 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1, 17-18, 20-22 and 29-30, are rejected under 35 U.S.C. 102(b) as being anticipated by Duceck et al. (US Patent 5345606).

Regarding claim 1, Duceck et al. discloses an apparatus comprising:

means for detecting a plurality of radio stations broadcast within a spectrum of frequencies (col.3 lines 40-41 “tuning”);

means for decoding (fig.1, element 10), for each of a plurality of detected radio stations, at least one piece of supplementary information broadcast in conjunction with the plurality of radio stations, the at least one piece of supplementary information comprising an associated radio station name (fig.1, element 18);

means for receiving a partial name of radio station as a search criterion, the partial name comprising some, but not all, of the characters of a complete name of the radio station (col.5 lines 3-13);

means for responding to reception of the partial name of the radio station by generating a radio station name set including at least one radio station name, wherein

Art Unit: 2618

the radio station name set is generated by matching the received partial name of the radio station with the supplementary information (col.5 lines 14-22);

means for controlling a display to display the radio station name set, including the at least one radio station name, generated by matching the received partial name of the radio station search criterion with the supplementary information; and means for receiving a user selection of a radio station name, the user selection being from the radio station name set displayed on the display and generated by matching the received partial name of the radio station with the supplementary information (col.5 lines 49-53).

Regarding claims 17 and 21, Duckeck et al. discloses means for storing the at least one piece of supplementary information broadcast in conjunction with the plurality of radio stations and information relating to a broadcast frequency of each of the plurality of the radio stations (abstract).

Regarding claim 18, Duckeck et al. discloses a method comprising: receiving a partial name of a radio station a search criterion, the comprising some, but, not all, of the characters of a complete, name of the radio station; responding to reception of the partial name of the radio station by generating a radio station name set including at least one radio station name, wherein the radio station name set by matching the received partial name of the radio station with at least one piece of supplementary information broadcast in conjunction with a plurality of radio stations, and wherein each piece of supplementary information comprises an associated radio station name; controlling a display to display the radio station name set, including at least one radio station name, generated by matching the received partial name of the. radio station

Art Unit: 2618

search criterion with the supplementary information; and receiving a user selection era radio station name, the user selection being from the radio station name set displayed on the display and generated by matching the received partial name of the radio station with the supplementary information (col.5 lines 3-53).

Regarding claim 20, Duckeck et al. discloses an apparatus comprising: detection circuitry configured to detect a plurality of radio stations broadcast within a spectrum of frequencies; decoding circuitry configured to decode, for each of a plurality of detected radio stations, at least one piece of supplementary information broadcast in conjunction with the plurality of radio stations, the at least one piece of supplementary information comprising an associated radio station name; input circuitry configured to receive a partial name of a radio station as a search criterion, the partial name comprising some, but not all, of the characters of a complete name of the radio station; filtering circuitry configured to respond to reception of the partial name of the radio station by generating generate a radio station name set including at least one radio station name, by matching the received partial name of the radio station with the supplementary information; control circuitry configured to control a display to display the radio station name set, including at least one radio station name, generated by matching the received partial name of the radio station with the supplementary information; and selection circuitry configured to receive a user selection of a radio station name, the user selection being from the radio station name set displayed on the display and generated by matching the received partial name of the radio station with the supplementary information (col.5 lines 3-53).

Art Unit: 2618

Regarding claim 22, Duckeck et al. discloses a computer program product comprising at least one tangible computer-readable memory having computer-readable program instructions stored therein, the computer-readable program instructions configured to instruct a computer to carry out a method, comprising: receiving a partial name of a radio station as a search criterion, the partial name comprising some, but not all of the characters of a complete name of the radio station; responding to reception of the partial name of the radio station by generating a radio station name set including at least one radio station name wherein the radio station name set is generated by matching the received partial name of the radio station with at least one piece of supplementary information broadcast in conjunction with a plurality of radio stations, and wherein each piece of supplementary information comprises an associated radio station name; and receiving a user selection of a radio station name, the user selection being from the radio station name set displayed on the display and generated by matching the received partial name of the radio station with the supplementary information (col.5 lines 3-53, it is considered that a computer program instructions to perform all tasks above).

Regarding claim 29, Duckeck et al. discloses each piece of supplementary information comprises an associated complete radio station name, the generated radio station name set includes at least one complete radio station name, and the display is controlled to display the radio station name set including the at least one complete radio station name (fig.1, element 14).

Regarding claim 30, Duckeck et al. discloses the at least one piece of supplementary information comprises art associated complete radio station name, the filtering circuitry is configured to respond to reception of the partial name of the radio station by generating a radio station name set including at least one complete radio station name, and the control circuitry is configured to control the display to display the radio station name set, including at least one complete radio station name (fig.1 element 14).

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 3-4, 11-14, 23-26, 28, are rejected under 35 U.S.C. 103(a) as being unpatentable over Duckeck et al. (US Patent 5345606) in view of Mankovitz (US RE38,600 E).

Regarding claims 3 and 23, Duckeck et al. fails to disclose a display configured to concurrently display a plurality of radio station names from the radio station name set.

Mankovitz discloses a display configured to concurrently display a plurality of radio station names from the radio station name set (fig.6B). Therefore, It would have been obvious to one of ordinary skill in the art at the time the invention was made to

Art Unit: 2618

modify the system of Duceck et al. with the above teaching of Mankovitz in order to display a list of radio stations to be selected by a user.

Regarding claims 4 and 24, the modified Duceck et al. discloses a display, wherein the display is configured to display only one radio station name from the radio station name set (Mankovitz, fig.10, element 801).

Regarding claims 7 and 25, the modified Duceck et al. discloses the radio station name set generated by matching the received partial name of the radio station with the supplementary information comprises a plurality of different radio station names (col.4 lines 14-24).

Regarding claims 11 and 26-28, the modified Duceck et al. discloses scanning circuitry configured to scan the spectrum of frequencies, and said selection circuitry is configured to interrupt said scanning circuitry in response to a user selection of a radio station name (Duceck, fig.1, element 38).

Regarding claim 12, the modified Duceck et al. discloses the supplementary information conforms to at least one of the Radio Data System standard (Duceck, fig.1 element 38) or the Radio Broadcasting Data System standard.

Regarding claim 13, the modified Duceck et al. discloses comprising receiving circuitry configured to receive radio station signals and decoding circuitry configured to decode radio station signals (Duceck, fig.1, element 38).

Regarding claim 14, the modified Duceck et al. discloses radio station signals comprise audio signals and the apparatus comprises a speaker configured to provide an audio signal to a user (Mankovitz, fig.4 element 211).

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tu Nguyen whose telephone number is 571-272-7883.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward Urban, can be reached at (571) 272-7899. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/Tu X Nguyen/

Primary Examiner, Art Unit 2618

5/26/10